

# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/593,414  
Source: 1FWP  
Date Processed by STIC: 9/27/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 09/27/2006

PATENT APPLICATION: US/10/593,414

TIME: 10:08:12

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\09272006\J593414.raw

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5 <110> APPLICANT: Philippi, Anne
6      Rousseau, Francis
7      Roschmann, Elke
10 <120> TITLE OF INVENTION: HUMAN OBESITY SUSCEPTIBILITY GENES ENCODING PEPTIDE HORMONES
AND USES
11      THEREOF
14 <130> FILE REFERENCE: 21614-002US1
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/593,414
C--> 16 <141> CURRENT FILING DATE: 2006-09-18
16 <150> PRIOR APPLICATION NUMBER: PCT/IB2005/001030
17 <151> PRIOR FILING DATE: 2005-03-23
20 <150> PRIOR APPLICATION NUMBER: US 60/555,700
21 <151> PRIOR FILING DATE: 2004-03-24
24 <160> NUMBER OF SEQ ID NOS: 8
27 <170> SOFTWARE: PatentIn version 3.1
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32 <211> LENGTH: 501
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43 <222> LOCATION: 425
45 <223> OTHER INFORMATION: SNP4 G/T
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52 ggccctcgggg ctgggggcag cttgggtgct agcgagagga agttcctggg ggcggggcatg      120
54 cggggagaca cagcaccctt gtgggggggg cttctttctc caggctgggc cttggcctcc      180
56 agacgcctct ctgcccacca acccctttgt attgagaggg gcctcgacct ctcctcatcc      240
58 cctcagtga aacaataaag acaaattttt gttgcttcag tgacttctgt gggcctgcgg      300
60 gcagggaggg accagtccat ggaacgggaa gtgggacct gtagtctctg ctgtgagaga      360
62 aaaagacct agctgttggg ggtcctccc tgccctccct ggcaacctat ccaccttccc      420
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83 <222> LOCATION: 201
85 <223> OTHER INFORMATION: SNP5 A/G
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94 gcctttctcgg agtggggggtc cccgcatgct gctgtcccca ggtgagtttg actccctgcc 180
96 ctgtctgtcc agctccctgg rgctgaaatg ggggtggtgg gactgaatca gggcttggaa 240
98 aggtgtagtg ggggggtggaa gagggagaac aggagcccag ggccagcctg aggcctcctg 300
100 agggcacgag gcctaccccc tacactgcca tgttctgccc tgctctcaca gggagctcag 360
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130 tgaatgaagg caggtaaagg agcaaaggga atggggggcc cccacatacg tgacccagag 180
132 gcagcagctt ggccctgcacc ragtctctca tcacacacac tccccgcgcc ccccccgca 240
134 tcttggtgtg ctaaccacaa tccctgctgc cttcagttaa tcaaccaatg agtggtcatt 300
136 cattgcacat ctgttctggg cctcatgggg gcagcgggag gtgatgaaga agcaagggtt 360
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166 atattcaccc ttaggatatt ttctgaacc ccgatacccc acaatctcct atccgcacat 180
168 taactttacc ttgggatatg yaaatattaa gtagaacctt atgaaattta cattagttaa 240
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172 ccacgctgga ggcgatctca gctcactgca acctccgcct cccgggttca agtgattctc 360
174 ctgcctcagc ctcccagta gctgggacca cagatggtta taacaatacc tcccatccca 420
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184 agaggattgc ttgaaccag gaggcagagg ttgcggtgag ctgagcagcc actgcactcc 720
186 agcctgggtg acactccatc tcaatgaaaa aaaaaaaaaa aaacgaaaag aagagaaatg 780
188 caggcatgca ggcggcgaca gtggctcacg cctgtaatcc caacactttg ggaggccaag 840
190 gcagttggat cgcttgagct caggagttaa agactagctg ggcaacatag caaaactctg 900
192 tctctacaaa aaaagaaaga aaaaaattat atatatatat gaaagaaatg cagcccatga 960
194 cttcccttga gtctgggtggg cttgtgacac acttataacc aataggatgg gtcagaagta 1020
196 atgctacagg actgctaagg ttgaacttta aaagacaatg cagcagccac cttttctgct 1080
198 ggaccagggtg ggcttgaagc ctccagctgc cctgtaagca gcccaactgc cctgaagctg 1140

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204 gactgcaacc acatgagaaa ctctgaacta gaaccaccag gtaagccctt cctgaattcc 1320
206 tcatggagag catccatgag caaataaaat gggtctttca agccatgggg ttttggggta 1380
208 attttcattt tttgagacag tgtctcactc tgtcacccag gctggagtgc agtgggtgtaa 1440
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212 cagctgggac cacatatgtc caccaccaga cctggctaatt ttcttgtttt ttatttttac 1560
214 tttatgctgg gtttttttgt ttttggttgt ttgtttatatt gttcatttgt tttgagacag 1620
216 ggtcttgctc tggtgcccga gctggagtgc agtggcgcaa tctcagctca ctgcaacccc 1680
218 cacctcctgg gcttaggcca tctctccacc tcagccaccc gagtaggaac tacaggcgca 1740
220 caccaccacg ccagctaat ttttgatatt ttttatagag acaaggtttt gccatgttgc 1800
222 ccaggctggt ctcaaattcc tgagctcaag caatgtacct gcctcagcct cccaaagtgc 1860
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253 <223> OTHER INFORMATION: SNP8 C/T
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262 gactcctatg agttggtcaa ccacgccaag ggactgccag actcctttca caagccagct 180
264 tctgaccacg gcagctgacc ytcaccatgg aactacagg ccgggggggtg gccaggggtg 240
266 accaaaagcc atgccagctg ggcatgaccc caggcagcca gccacaggct gaaggggggt 300
W--> 268 tgttggtgta gtgatctgca naggagaaag cagccccagc tctgcccaga ggagggcgtg 360
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328 gccttgtggg agtgtccccc tgccagttag tgccacccta cccaagtct gtcttacta      180
330 caagtaccct tttttatttt tttttttatt ttttgagaca gagtcttgtt ttgtcaccca      240
332 ggctggagtg cagtggcacg atcttggctc actacaacct ctgcctccag gtctgggttc      300
334 aagegattct cctgcctcag cctcccaagt agctgggact acaggcacgt gccaccatgc      360
336 ctggctaatt ttgtttgttt tttttttttt ttgtttgttt gtttgttttg agatggagtc      420
338 tcgctccgtc gcccaggctg gcaggcagtg gcgccatctc ggctcactgc aacctccgcc      480
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344 caggatggtc tcgatctcgt gacctcgtga tccaccgcc cgggcctccc aaagtgcctg      660
346 gattacaggc gtgagtcact gcgcccgccc ccctttcttt tttcttttct tttttcttt      720
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354 caccatgttg gccaggctgg tctcgaacct ctgacctcag gtgatccgcc cgtgtcgtcc      960
356 tcccaagcgc tgggattaca gacgtgattc atcgcgctg gcctacaagt aycccttcta      1020
358 actgagggca actgtaaagg aagtggggca tagaagaata gtagtggggc ctgtgcccag      1080
360 aagggaggag gaggaagaaa aaagggggtta cttagggtag cctaccaca ggcaggcccc      1140
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381 <222> LOCATION: (41)..(140)
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402 nnnnnnnnnn nnnnnnnnnn tatggctttg gtgatgtgca atgcccccat cacattatct      180
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408 caggagaaag agacatgttt gtacctcagg ggctcacagg aggggtgggg agttacaact      360
410 ttatctatag agatttagga gcccctctcc tcatatgtcc tactgtcctg tacaagagaa      420
412 gtatgtcatc ctgtctcttc tatcagagtg aagaccctgg agttacgctg tgcctctcta      480
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416	gagaggagga	ggagagctgg	aggcgatgtt	ccccagcac	actgaggctt	tctgaggcta	600
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420	agtacttagc	acatggctct	gtccacaggg	gctctcagtc	tagaaggggc	agggcacaga	720
422	ttgcattttt	ggcagacctc	caaggcgttc	tttccaggct	cctcctctgc	caccgccatg	780
424	ggtacttggg	accataaaca	gccaagctca	tgctctgcct	atcagctcca	ggtcctaata	840
426	aaggccacct	tcctttccag	gtgaacaccc	tagcctagga	gcagatccag	catgaaatta	900
428	agtgtgcgtg	tgggatgaga	ggtacctgga	ctagcagggg	cacttacctc	tgccctctgg	960
430	aaacctcctc	tgcatacca	cccattctcc	accatctaga			1000

RAW SEQUENCE LISTING ERROR SUMMARY  
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Input Set : A:\PTO.RJ.txt  
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:8; N Pos. 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60  
Seq#:8; N Pos. 61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80  
Seq#:8; N Pos. 81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100  
Seq#:8; N Pos. 101,102,103,104,105,106,107,108,109,110,111,112,113,114,115  
Seq#:8; N Pos. 116,117,118,119,120,121,122,123,124,125,126,127,128,129,130  
Seq#:8; N Pos. 131,132,133,134,135,136,137,138,139,140

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/593,414

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Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\09272006\J593414.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No  
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300  
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
M:341 Repeated in SeqNo=8